Annual Index

First Quarter 1–39
Second Quarter 41–75
Third Quarter 77–115
Fourth Quarter 117–152

SUBJECT INDEX

COMPOSITE DESIGN
Composite Girders with Partial Restraints: A New Approach — *Wexler, Neil* 68
Strength of Shear Studs in Steel Deck on Composite Beams and Joists — *Easterling, W. Samuel, David R. Gibbings, and Thomas M. Murray* 44

BEAMS
The Warping Contstant for the W-Section with a Channel Cap — *Lue, Tony and Duane S. Ellifritt* . . . 31

COLUMNS
Design of Pipe Column Base Plates Under Gravity Load — *Sputo, Thomas* 41
Discussion—Design of Pipe Column Base Plates Under Gravity Load — *Sputo, Thomas and Nestor R. Iwankiw* 150

CONNECTIONS
A Tentative Design Guideline for a New Steel Beam Connection Detail to Composite Tube Columns — *Azizinamini, Atorod and Bangalore Prakash* 108
Correction—Fast Check for Block Shear — *Burgett, Lewis B.* 39
Design Aid of Semi-Rigid Connections for Frame Analysis — *Kishi, N., W. F. Chen, Y. Goto, and K. G. Matsuoka* 90
Design of I-Beam to Box-Column Connections Stiffened Externally — *Ting, Lai-Choon, Nandivaram E. Shanmugam and Seng-Lip Lee* 141
The Economic Impact of Overspecifying Simple Connections — *Carter, Charles J. and Louis F. Geschwindner* 34

FRAMES
Composite Girders with Partial Restraints: A New Approach — *Wexler, Neil* 68
Composite Semi-Rigid Construction — *Leon, Roberto T.* 130
Correction—Simple Equations for Effective Length Factors — *Dumonteil, Pierre* 38
Design Aid of Semi-Rigid Connections for Frame Analysis — *Kishi, N., W. F. Chen, Y. Goto, and K. G. Matsuoka* 90
Discussion—Simple Equations for Effective Length Factors — *Moore, William E. II.* 37

GIRDERS
Composite Girders with Partial Restraints: A New Approach — *Wexler, Neil.* 68

LOAD AND RESISTANCE FACTOR DESIGN
Correction—ASD/LRFD Volume II—Connections (Shear Tab Design Tables) — *Carter, Charles J. and Nestor Iwankiw* 152

EARTHQUAKE DESIGN
Earthquakes: Steel Structures Performance and Design Code Developments — *Marsh, James W.* 56

SERVICEABILITY
Serviceability Limit States Under Wind Load — *Griffis, Lawrence G.* 1

TENSION
Shear Lag Effects in Steel Tension Members — *Easterling, W. Samuel and Lisa Gonzalez Giroux* . . . 77

SINGLE-ANGLE
Design Strength of Concentrically Loaded Single-Angle Struts — *Zureick, A.* 17

METRIC
SI Units for Structural Steel Design — *American Institute of Steel Construction* 66

VIBRATION
Design Criterion for Vibrations due to Walking — *Allen, D. E. and Thomas M. Murray* 117

AUTHOR INDEX

Allen, D. E. and Thomas M. Murray
Design Criterion for Vibrations due to Walking 117

American Institute of Steel Construction
SI Units for Structural Steel Design 66

Azizinamini, Atorod and Bangalore Prakash
A Tentative Design Guideline for a New Steel Beam Connection Detail to Composite Tube Columns... 108

Burgett, Lewis B.
Correction—Fast Check for Block Shear 39

Carter, Charles J. and Louis F. Geschwindner
The Economic Impact of Overspecifying Simple Connections 34

Carter, Charles J. and Nestor R. Iwankiw
Correction—ASD/LRFD Volume II—Connections (Shear Tab Design Tables)..... 150

Chen, W. F.
See Kishi, N. 90

Dumonteil, Pierre
Correction—Simple Equations for Effective Length Factors 38

Easterling, W. Samuel and Lisa Gonzalez Giroux
Shear Lag Effects in Steel Tension Members 77

Easterling, W. Samuel, David R. Gibbings, and Thomas M. Murray
Strength of Shear Studs in Steel Deck on Composite Beams and Joists 44

Ellifritt, Duane
See Lue, Tony..... 31

Geschwindner, Louis F.
See Carter, Charles J..... 34

Gibbings, David R.
See Easterling, W. Samuel..... 44

Giroux, Lisa Gonzalez
See Easterling, W. Samuel..... 77

Goto, Y
See Kishi, N. 90

Griffis, Lawrence G.
Serviceability Limit States Under Wind Load 1

Iwankiw, Nestor R.
See Sputo, Thomas..... 152

Iwankiw, Nestor R.
See Carter, Charles J..... 150

Kishi, N., W. F. Chen, Y. Goto, and K. G. Matsuoka
Design Aid of Semi-Rigid Connections for Frame Analysis 90

Lee, Seng-Lip
See Ting, Lai-Choon 141

Leon, Roberto T.
Composite Semi-Rigid Construction..... 130

Lue, Tony and Duane S. Ellifritt
The Warping Contstant for the W-Section with a Channel Cap..... 31

Marsh, James W.
Earthquakes: Steel Structures Performance and Design Code Developments..... 56

Matsuoka, K. G.
See Kishi, N..... 90

Moore, William E. II
Discussion—Simple Equations for Effective Length Factors 37

Murray, Thomas M.
See Easterling, W. Samuel 44

Murray, Thomas M.
See Allen, D.E..... 117

Prakash, Bangalore
See Azizinamini, Atorod 108

Shanmugam, Nandivaram E.
See Ting, Lai-Choon 141

Sputo, Thomas
Design of Pipe Column Base Plates Under Gravity Load 41

Sputo, Thomas
Discussion—Design of Pipe Column Base Plates Under Gravity Load 150

Ting, Lai-Choon, Nandivaram E. Shanmugam and Seng-Lip Lee
Design of I-Beam to Box-Column Connections Stiffened Externally..... 141

Wexler, Neil
Composite Girders with Partial Restraints: A New Approach 68

Zureick, A.
Design Strength of Concentrically Loaded Single-Angle Struts..... 17